

# Dow Corning® Emulsifier Products Overview

INCI Name	Emulsion Type	Description	Multiple Benefits	Formulation Flexibility				Superior Aesthetics		Actives Delivery		% Use Actives Levels	
				Ease of Use		Other		• Wash-off resistant polar oils		• Film barrier		• Spreading absorption	
Lauryl PEG/PPG-18/18 Methicone	DC 5200 • W/O • W/Wax • Multiple	Liquid alkylmethyl siloxane copolyol of lauryl (C12) and polyether-modified siloxane	• Cold processing • High shear	• Low use level • High water content • High oil levels • Novel forms	• Flexible sensory • Moisturizing • Low residue	• Low to med polar oils	100%	2-3%					
Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone	DC 5225C • W/O • W/Si • Multiple	Low molecular weight surfactant in decamethyl-cyclopentasiloxane (D5)	• High shear	• Clear systems • Non-tacky • Non-waxy	• Non-greasy • Non-tacky • Non-waxy	• Polar and non-polar ingredients	10.5%	7-15%					
Cyclopentasiloxane (and) PEG-12 Dimethicone Crosspolymer	DC 9011 • W/Si • Multiple • Anhydrous	Dispersion of high molecular weight silicone elastomer substituted with polyether in decamethylcyclopentasiloxane (D5)	• Cold processing • Low to high shear	• Low to high viscosity • High water content • Clear systems	• Broad range of sensory profiles and textures	• Polar and non-polar ingredients	12.5%	6-14%					
NEW! PEG-12 Dimethicone	DC 5329 • O/W • Si/W	Polyether functional siloxane	• Cold processing • Direct addition • Silicone vesicles	• Smooth/light	• Emulsifies a variety of oils	• Spreading absorption	100%	4%					
NEW! PEG-19/19 Dimethicone	DC BY-19-030 • W/O • W/Si • Anhydrous	Clear 50% dispersion of high molecular weight silicone surfactant (polyoxyethylene/polyoxypropylene copolymer) in cyclopentasiloxane (D5)	• Cold processing • Low or high shear	• Soft to hard silicone gels	• Pleasant feel • Unique textures • Clear systems • Low odor	• Thickening agent • Polar and non-polar ingredients • Pigment dispersions	50%	2-20%					

**EXHIBIT**

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